

(43) International Publication Date
20 October 2005 (20.10.2005)

PCT

(10) International Publication Number
WO 2005/098028 A1

(51) International Patent Classification²: C12Q 1/68

(21) International Application Number: PCT/AU2005/000500

(22) International Filing Date: 6 April 2005 (06.04.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
2004901890 8 April 2004 (08.04.2004) AU

(71) Applicant (for all designated States except US): THE STATE OF QUEENSLAND acting through ITS DEPARTMENT OF HEALTH [AU/AU]; Queensland Health Building, 147-163 Charlotte Street, Brisbane, Queensland 4000 (AU).

(72) Inventors; and

(75) *Inventors/Applicants (for US only):* **WHILEY, David, Mark** [AU/AU]; 55 Douglas Street, Brighton, Queensland 4017 (AU). **SLOOTS, Theo, Pieter** [AU/AU]; 65 Daintree Place, River Hills, Queensland 4074 (AU).

(74) Agent: FISHER ADAMS KELLY; Level 13 AMP Place,
10 Eagle Street, Brisbane, Queensland 4000 (AU).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LJ, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GO, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: NEISSERIA GONORRHOEAE DETECTION

2220322C 01/03/04/2004/2004

NR-ppp-1:	CGGTTTCGCGGCTGAGA	cggttttcgcggtgaga
NR-ppp-2:	CGGCTTCCTACTGATTACTTTCGA	cggttcctacttgattactttcga (AS)
NR-ppp-3:	CGGCTTCCTACTGATTACTTTCGA	cggttcctacttgattactttcga (AS)
NR-ppp-4:	CATGCAATTGTTTCGAGTGAACAAACACC	catgcaattgtttcgagtgaacaaacacc
NR-ppp-5:	AGTGGCGCTATACACCTCTACTACTTACAC	agtggcgctatcacctctactactttacac

Admission: \$6.00

[illegible][illegible]

1. Identify the main idea of the passage.
 2. Identify the supporting details.
 3. Identify the author's purpose.
 4. Identify the author's tone.
 5. Identify the author's point of view.
 6. Identify the author's bias.
 7. Identify the author's audience.
 8. Identify the author's style.
 9. Identify the author's language.
 10. Identify the author's structure.

[illegible]

(57) Abstract: A method for determining whether a human individual is or has been infected with *Neisseria gonorrhoeae*, is provided. The method detects a *Neisseria gonorrhoeae*, porA nucleic acid fragment obtained from a biological sample. The method includes subjecting the biological sample to nucleic acid sequence amplification using primers having respective nucleotide sequences according to SEQ ID NO:1 and SEQ ID NO:2, to thereby produce a porA *Neisseria gonorrhoeae*, amplification product. The amplification product is detected by fluorescence resonance energy transfer using oligonucleotides having respective nucleotide sequences according to SEQ ID NO:3 which has a donor fluorophore and SEQ ID NO:4, which has an acceptor fluorophore.

1. The first step is to identify the problem or question that needs to be addressed. This involves understanding the context and the specific requirements of the task.

2. Next, it is important to gather relevant information and data. This can be done through research, consultation with experts, or by analyzing existing resources.

3. Once the information is gathered, the next step is to develop a plan or strategy. This involves breaking down the problem into smaller, manageable parts and determining the best approach to solve each part.

4. The fourth step is to implement the plan. This involves putting the strategy into action and monitoring progress to ensure that the goals are being met.

5. Finally, it is important to evaluate the results and make adjustments as needed. This involves reflecting on what worked well and what didn't, and using that information to improve future performance.

WO 2005/098028 A1